



Physical Description: Light yellow needles (MeOH)
Melting Point: Mp 222-224°
Other Data: Probably identical with Boldoside isol. from *Peumus boldus*

>> **Derivative:** ?"-O- α -L-Rhamnopyranosyl
Synonym(s): Isorhamnetin 3-rhamnosylglucoside

CAS Registry Number: 50938-07-3

Molecular Formula: C₂₈H₃₂O₁₆
Molecular Weight: 624.551
Accurate Mass: 624.16904
Percentage Composition: C 53.85%; H 5.16%; O 40.99%
Biological Source: Isol. from various plant spp.

>> **Derivative:** 2",6"-Di-O- α -L-rhamnopyranosyl
Synonym(s): Typhaneoside

CAS Registry Number: 104472-68-6

Molecular Formula: C₃₄H₄₂O₂₀
Molecular Weight: 770.694
Accurate Mass: 770.22695
Percentage Composition: C 52.99%; H 5.49%; O 41.52%
Biological Source: Isol. from the pollen of *Typha angustifolia* and from *Calendula officinalis*

>> **Derivative:** 2",6"-Di-O- α -L-rhamnopyranosyl, 7-O- α -L-rhamnopyranoside

Molecular Formula: C₄₀H₅₂O₂₄
Molecular Weight: 916.836
Accurate Mass: 916.28486
Percentage Composition: C 52.40%; H 5.72%; O 41.88%
Biological Source: Constit. of *Coleogyne ramosissima*
Physical Description: Yellow powder
Optical Rotation: [α]_D -35 (c, 1 in MeOH)
UV: [neutral] $\lambda_{\max}$ 248 (sh) (log ϵ 4.01); 254 (log ϵ 4.17); 265 (sh) (log ϵ 4.07); 354 (log ϵ 4.07) (MeOH)

>> **Derivative:** 4",6"-Di-O- α -L-rhamnopyranosyl

Molecular Formula: C₃₄H₄₂O₂₀
Molecular Weight: 770.694
Accurate Mass: 770.22695
Percentage Composition: C 52.99%; H 5.49%; O 41.52%
Biological Source: Isol. from *Actinidia* spp.
Other Data: Tentative struct. Not indexed by CAS

>> **Derivative:** 6",?"-Di-O- α -L-rhamnopyranosyl
Synonym(s): Isorhamnetin 3-(rhamnosylrutinoside)

CAS Registry Number: 55914-93-7

Molecular Formula: C₃₄H₄₂O₂₀
Molecular Weight: 770.694
Accurate Mass: 770.22695
Percentage Composition: C 52.99%; H 5.49%; O 41.52%
Biological Source: Isol. from *Limnanthes douglasii*